

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: Not Yet Assigned	:	
Examiner: Not Yet Assigned	:	
	:	CONTROLLED POLYMERIZATION OF FREE
In re Application of	:	RADICALLY (CO)POLYMERIZABLE
Matyjaszewski et al.	:	MONOMERS
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Serial No.: Not Yet Assigned	:	
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Filed: Concurrently Herewith	:	

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania  
February 27, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

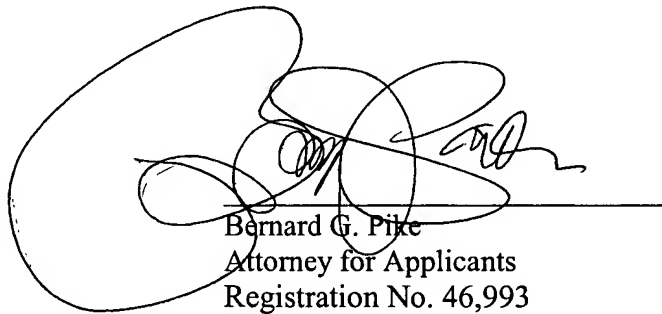
Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the references listed on the accompanying Form PTO/SB/08 *Information Disclosure Statement by Applicant* (substitute for Form 1449A/PTO). A copy of all the cited references, except the United States patents, is herewith enclosed.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement by Applicant* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicants further note that the filing of this *Information Disclosure Statement* by *Applicant* is not an admission that the references cited herein constitute prior art under 35 U.S.C. §§ 102-103 with respect to the captioned application.

Pursuant to 37 C.F.R. § 1.97(b)(1), Applicants submit that no fee is necessary for consideration of this *Information Disclosure Statement* by *Applicant*. Nevertheless, the Commissioner is hereby authorized to charge any additionally required fees deemed necessary for consideration of this *Information Disclosure Statement* by *Applicant* to Account No. 11-1110.

Respectfully submitted,



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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Matyjaszewski
				Art Unit	Not Yet Assigned
Examiner Name					
Sheet	1	of	5	Attorney Docket Number	00093CON

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)				
		3,183,217	05/11/1965	Serniuk, et al.		
		3,959,225	05/25/1976	Kuntz		
		4,007,165	02/08/1977	MacLeay, et al.		
		4,374,751	02/22/1983	Dudgeon		
		4,728,706	03/01/1988	Farnham, et al.		
		4,940,648	07/10/1990	Geiger		
		4,954,416	09/04/1990	Wright, et al.		
		5,089,135	02/18/1992	Yoneyama, et al.		
		5,169,914	12/08/1992	Kaszas, et al.		
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		5,405,913	04/11/1995	Harwood, et al.		
		5,451,647	09/19/1995	Faust, et al.		
		5,470,928	11/28/1995	Harwood, et al.		
		5,510,307	04/23/1996	Narayanan, et al.		
		5,763,548	06/09/1998	Matyjaszewski, et al.		
		5,789,487	08/04/1998	Matyjaszewski, et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0341012	11/08/1989			
		EP 0870809	10/14/1998			
		WO 00/56795	09/28/2000			
		WO 98/01480	01/15/1998			
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		5,807,937	09/15/1998	Matyjaszewski, et al.	
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		6,538,091	03/25/2003	Matyjaszewski, et al.	
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		6,627,314	09/30/2003	Matyjaszewski, et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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		United States Patent application No 10/269,556 filed October 11, 2002. Attorney Docket No. 010686	
		United States Patent application No. 09/359,359 filed July 23, 1999. Attorney Docket No. 00169DIV3	
		United States Patent application No. 09/534,827 filed March 23, 2000 Attorney Docket No. 00093	
		United States Patent application No. 09/972,056 filed October 5, 2001. Attorney Docket No. 00819	
		United States Patent application No. 10/034,908 filed December 21, 2001. Attorney Docket No. 001153	
		United States Patent application No. 10/118,519 filed April 6, 2002. Attorney Docket No. 010314	
		United States Patent application No. 10/271,025 filed October 15, 2002. Attorney Docket No. 010687	
		United States Patent application No. 10/289,545 filed November 7, 2002. Attorney Docket No. 00163DIVCON	
		CARTER ET AL., "Polyimide Nanofoams From Phase-Separated Block Copolymers", Electrochemical Society Proceedings, 1997, pp. 32-43, Vol. 97, No. 8, Electrochemical Society, Pennington, NJ, US, ,	
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		DOROTA GRESZTA ET AL., "Gradient Copolymers of Styrene and Acrylonitrile Via Atom Transfer Radical Polymerization", Polymer Preprints, April 1997, pages 709-710, Vol 38(1).	

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		GROMADA, J.; MATYJASZEWSKI, K. Macromolecules 2001, 34, 7664-7671.	
		JIN-SHAN WANG AND KRZYSZTOF MATYJASZEWSKI, "Controlled/Living" Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes". Reprinted from the Journal of the American Chemical Society, 1995, Vol. 117, No. 20.	
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		KRZYSZTOF MATYJASZEWSKI, MINGLI WEI, JIANHUI XIA AND NANCY E. MCDERMOTT, "Controlled/Living" Radical Polymerization of Styrene and Methyl Methacrylate Catalyzed by Iron Complexes <sup>1</sup> , Macromolecules, Vol. 30, No. 26, 1997.	
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		MATYJASZEWSKI, K.; XIA, J. Chem. Rev. 2001, 101, 2921-2990.	
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		QIU, J.; MATYJASZEWSKI, K; THOUIN, L.; AMATORE, C. MACROMOL. Chem. Phys. 2000, 201, 1625-1631.	
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		SIMION COCA, CHRISTINA B. JASIECZEK, KATHRYN L. BEERS AND KRZYSZTOF MATYJASZEWSKI, "Polymerization of Acrylates by Atom Transfer Radical Polymerization. Homopolymerization of 2-Hydroxyethyl Acrylate", Journal of Polymer Science, 1998, pp.1417-1424, Vol. 36, Part A: Polymer Chemistry.	
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		U. SCHUBERT ET AL., "Design of Effective Systems for Controlled Radical Polymerization of Styrene: Application of 4,4'-Dimethyl and 5,5'-Dimethyl 2,2'-Bipyridine Copper(II) Complexes", Macromol. Rapid Commun., Vol. 20, No. 6, pp. 351-355, 1999.	
		WANG ET AL., "Living"/Controlled Radical Polymerization, Transition-Metal-Catalyzed Atom Transfer Radical Polymerization in the Presence of a Conventional Radical Initiator", Macromolecules, 1995, Vol. 28, pp. 7572-7573.	
		WANG, J.-S.; MATYJASZEWSKI, K., J. Am. Chem. Soc. 1995, 117, 5614-5615.	
		XIA J. AND MATYJASZEWSKI K., "Controlled/ "Living" Radical Polymerization. Homogenous Reverse Atom Transfer Radical Polymerization Using AIBN as the Initiator," Macromolecules, 1997, pp. 7692-7696, vol. 30.	

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